

REMARKS

Claims 1-20 are pending in the application. Claims 1-20 stand rejected under 35 U.S.C. 102(e) as being anticipated by U.S. provisional application 60/474,009 (the ‘009 application). This rejection is respectfully traversed.

Hershbarger fails to provide a basis for the rejection of claims 1-20, as amended, under 35 U.S.C. 102(e), because it fails to disclose each element of the claimed inventions. Consider claim 1, which includes “extracting outbound data from the received modulated signal using a comparator.” The ‘009 application does not disclose this element.

Claim 4 includes the “method of Claim 3 wherein extracting a clock signal comprises: sensing transitions in the received modulated signal; generating an independent clock signal; and synchronizing the independent clock with the transitions.” The ‘009 application does not disclose the use of an independent clock signal.

Claim 8 includes “a data extractor for extracting outbound data from a modulated signal received from the second side of the transformer, the data extractor further comprising a comparator.” The ‘009 application does not disclose this element.

Claim 11 includes “the comparator is for generating the control signal by comparing transitions in a received modulated signal with transitions in the generated clock.” The ‘009 application does not disclose this element.

Claim 15 includes “a signal modulator for modulating a signal produced by the signal generator, the signal modulator comprising an exclusive OR gate and an exclusive NOR gate.” The ‘009 application does not disclose this element.

Claim 17 includes “a data extractor for extracting outbound data from a modulated signal received from a second side of a transformer, the data extractor comprising a comparator.” The ‘009 application does not disclose this element.

Claim 19 includes “the comparator is for generating the control signal by comparing transitions in a received modulated signal with transitions in the generated clock.” The ‘009 application does not disclose this element.

Other claims not specifically addressed are believed to be allowable at least for the reasons that they depend from an allowable base claim and add limitations not present in the prior art.

CONCLUSION

In view of the foregoing remarks and for various other reasons readily apparent, Applicants submit that all of the claims now present are allowable, and withdrawal of the rejection and a Notice of Allowance are courteously solicited.

If any impediment to the allowance of the claims remains after consideration of this amendment, a telephone interview with the Examiner is hereby requested by the undersigned at (214) 953-5990 so that such issues may be resolved as expeditiously as possible.

No additional fee is believed to be due. If any applicable fee or refund has been overlooked, the Commissioner is hereby authorized to charge any fee or credit any refund to the deposit account of Jackson Walker L.L.P. No. 10-0096.

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Respectfully submitted,

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